Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Hour \_\_\_\_\_

**Testable Questions**

**Complete the following statements about testable questions while following along with the PowerPoint.**

Testable questions:

1. Ask about objects, organisms, and events in the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_.
2. Can be answered through \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ that involve \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, or surveys.
3. Are answered by \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ evidence that is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
4. Relate to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ rather than personal preference or moral values.

**PART 1: For each question below decide whether it a testable question.**

* **Circle if it is Testable or Not testable.**
* **If it is NOT testable, *circle* the word that is the “problem” and rewrite the question to make it a testable question.**

1. Does water boil at the same temperature as vegetable oil?

Testable

or

Not testable Rewrite it:

1. Will more studying improve test scores?

Testable

or

Not testable Rewrite it:

1. Are Pit bulls better than Chihuahuas?

Testable

or

Not testable Rewrite it:

1. Are there more ghosts in the gym or the cafeteria?

Testable

or

Not testable Rewrite it:

1. How does arm length affect the distance a Quarterback can throw a football?

Testable

or

Not testable Rewrite it:

1. Does drinking MONSTER while playing Black Ops increase your score?

Testable

or

Not testable Rewrite it:

1. Who is a better teacher, Mr. Hill or Mrs. Leet?

Testable

or

Not testable Rewrite it:

1. Will feeding Hot Cheetos to a goldfish make them more active?

Testable

or

Not testable Rewrite it:

1. On a roller coaster does incline (steepness) help?

Testable

or

Not testable Rewrite it:

**PART 2: Read each scenario and CHOOSE ONE.**

**Write TWO testable questions that you could use to investigate that scenario.**

**Scenario 1**

Ryan has noticed that his I-pod battery in running out very quickly after he charges it. His friend, Jacob, seems to listen to his Sony MP3 player forever without charging it. Ryan got his player 5 years ago while Jacob got his for his last birthday. Ryan also noticed that Jacob has over 1000 songs on his, while Ryan has only 100.

**Scenario 2**

Kiara ate an ice cream sandwich during A lunch today and is feeling extremely tired in 6th hour science. Everyone else seems to be doing fine. She asks Alyxis what she had for lunch, and Alyxis explains that she had chicken nuggets during B lunch. She seems perky and wide awake, answering many of her teacher’s questions correctly.

**Scenario 3**

Ethan noticed that his hands have been really dry lately, feeling a little itchy and peeling in places. He tried to think back to the weekend to determine what caused this condition. He went skateboarding, took his dog for a walk, and helped his mother with the dishes after dinner each night.

**Write your own testable question**

* Think of something you are curious about and would like to learn more about. (What do you wonder?)
* Write a TESTABLE question related to your curiosity.
* It must meet ALL of our criteria for a testable question.

My testable question: